

SPRY3 Rabbit pAb

CatalogNo: YN8375

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB

MW

- 32kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human SPRY3

Specificity This antibody detects endogenous levels of SPRY3 at Human

Target Information

Gene name SPRY3

Protein Name	Protein sprouty homolog 3 (Spry-3)		
	Organism	Gene ID	UniProt ID
	Human	10251 ;	O43610 ;
Cellular Localization	Cytoplasm.		
Tissue specificity	Widely expressed; particularly in the fetal tissues. Expressed in the brain with expression the highest in Purkinje cells in the cerebellum (at protein level) (PubMed:26089202). Expressed in the myocardium of the heart (PubMed:30878395).		
Function	Inhibits neurite branching, arbor length and neurite complexity (By similarity). Inhibits EGF-mediated p42/44 ERK signaling (By similarity). Negatively regulates the MAPK cascade, resulting in a reduction of extracellular matrix protein accumulation . May function as an antagonist of fibroblast growth factor (FGF) pathways and may negatively modulate respiratory organogenesis .		

| Validation Data

| Contact information

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SPRY3 Rabbit pAb

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